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Page 1 of 3

0597 #5/645



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PCT10

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/081,418

DATE: 03/12/2002

TIME: 10:02:19

Input Set : A:\428-1014.txt
Output Set: N:\CRF3\03122002\J081418.raw

3 <110> APPLICANT: HAHM, Kyung-Soo
4 LEE, Dong Gun
5 PARK, YoonKyung
6 KIM, Hee Nam
8 <120> TITLE OF INVENTION: Novel peptides with increased + charge and hydrophobicity by
9 substituting one or more amino acids of CA-MA peptide and
10 pharmaceutical compositions containing thereof
12 <130> FILE REFERENCE: 428.1014
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/081,418
C--> 14 <141> CURRENT FILING DATE: 2002-02-22
14 <160> NUMBER OF SEQ ID NOS: 2
16 <170> SOFTWARE: KopatentIn 1.71
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 20
20 <212> TYPE: PRT
21 <213> ORGANISM: Artificial Sequence
23 <220> FEATURE:
24 <223> OTHER INFORMATION: CA-MA peptide made by fusing 1-8 amino acid of secropin A and
25 1-12 amino acid of magainin 2
28 <400> SEQUENCE: 1
29 Lys Trp Lys Leu Phe Lys Lys Ile Gly Ile Gly Lys Phe Leu His Ser
30 1 5 10 15
32 Ala Lys Lys Phe
33 20
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 20
38 <212> TYPE: PRT
39 <213> ORGANISM: Artificial Sequence
41 <220> FEATURE:
42 <223> OTHER INFORMATION: peptide with increased + charge and hydrophobicity by
43 substituting amino acids of SEQ. ID. NO 1 with lysine and leucine
46 <400> SEQUENCE: 2
47 Lys Trp Lys Lys Leu^x Leu^x Lys Lys Pro[✓] Pro[✓] Pro[✓] Leu^x Leu^x Lys Lys Leu^x
48 x 1 ✓ 5 ✓ 10 ✓ 15
50 Leu Lys Lys Leu^x
51 20

VERIFICATION SUMMARY

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Input Set : A:\428-1014.txt

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L:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date